

ABSTRACT OF THE DISCLOSURE

A receptacle type optical module including a lead frame having a plurality of leads, an L-shaped block mounted on the lead frame and having a through hole, a ferrule inserted and fixed in the through hole of the L-shaped block and having an optical fiber, a carrier mounted on the L-shaped block and having a wiring pattern, and an optical element mounted on the carrier. The optical module further includes a GRIN lens fixed to an end face of the ferrule and having a spherical end face adjacent to the optical element, a transparent resin for sealing an optical coupling portion between the optical element and the GRIN lens, and a resin molded package for encapsulating all of the lead frame, the L-shaped block, the ferrule, the carrier, and the optical element except a part of the lead frame and a part of the ferrule.